

SONY

3-860-219-11(1)

Cordless Telephone

Operating Instructions
Manual de instrucciones (verso)

***Spread
Spectrum* 900** MHz

SPP-SS950

Sony Corporation © 1997 Printed in Taiwan, R.O.C.

SONY®

Telephone

LIMITED WARRANTY

Sony Electronics Inc. ("Sony") warrants this Product (including any accessories) against defects in material or workmanship as follows:

1. **LABOR:** For a period of one (1) year from the date of purchase, if this Product is determined to be defective, Sony will repair or replace the Product, at its option, at no charge, or pay the labor charges to any Sony authorized service facility. After the Warranty Period, you must pay for all labor charges.
2. **PARTS:** In addition, Sony will supply, at no charge, new or rebuilt replacements in exchange for defective parts for a period of one (1) year. After the warranty period, you must pay for all parts costs.
3. **ACCESSORIES:** Parts and labor for all accessories are for one (1) year.

To obtain warranty service, you must take the Product, or deliver the Product freight prepaid, in either its original packaging or packaging affording an equal degree of protection, to any authorized Sony service facility.

This warranty does not cover customer instruction, installation, set up adjustments or signal reception problems.

This warranty does not cover cosmetic damage or damage due to acts of God, accident, misuse, abuse, negligence, commercial use, or modification of, or to any part of the Product, including the antenna. This warranty does not cover damage due to improper operation or maintenance, connection to improper voltage supply, or attempted repair by anyone other than a facility authorized by Sony to service the Product. This warranty does not cover Products sold AS IS or WITH ALL FAULTS, or consumables (such as fuses or batteries). This warranty is valid only in the United States.

Proof of purchase in the form of a bill of sale or receipted invoice which is evidence that the unit is within the Warranty period must be presented to obtain warranty service.

This warranty is invalid if the factory applied serial number has been altered or removed from the Product.

REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER. SONY SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. In addition, if you enter into a service contract with the Sony Partnership within 90 days of the date of sale, the limitation on how long an implied warranty lasts does not apply to you. This warranty gives you specific legal rights, and you may have other rights which vary from state to state.

For your convenience, Sony Electronics Inc. has established telephone numbers for frequently asked questions:

To locate the service center or dealer nearest you, or for service assistance or resolution of a service problem, or for product information or operation, call:

Sony Direct Response Center
1-(800)-222-7669
or write to:
Sony Direct Response Center
12451 Gateway Blvd.
Fort Myers, FL 33913

For an accessory or part not available from your authorized dealer, call:

1-(800)-488-SONY (7669)

Owner's Record

The model and the serial numbers are located at the bottom of the unit. Record the serial number in the space provided below. Refer to these numbers when you call upon your Sony dealer regarding this product.

Model No. SPP-SS950 Serial No. _____

IMPORTANT SAFETY INSTRUCTIONS

When using your telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury to persons, including the following:

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on the product.
3. Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
4. Do not use this product near water, for example, near a bath tub, wash basin, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool.
5. Do not place this product on an unstable cart, stand, or table. The product may fall, causing serious damage to the product.
6. Slots and openings in the cabinet and the back or bottom are provided for ventilation. To protect it from overheating, these openings must not be blocked or covered. The openings should never be blocked by placing the product on the bed, sofa, rug, or other similar surface. This product should never be placed near or over a radiator or heat register. This product should not be placed in a built-in installation unless proper ventilation is provided.
7. This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your dealer or local power company.
8. Do not allow anything to rest on the power cord. Do not locate this product where the cord will be abused by persons walking on it.
9. Do not overload wall outlets and extension cords as this can result in the risk of fire or electric shock.
10. Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in risk of fire or electric shock. Never spill liquid of any kind on the product.

it to a qualified service personnel when some service or repair work is required. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock when the appliance is subsequently used.

12. Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - A. When the power cord or plug is damaged or frayed.
 - B. If liquid has been spilled into the product.
 - C. If the product has been exposed to rain or water.
 - D. If the product does not operate normally by following the operation instructions. Adjust only those controls that are covered by the operating instructions because improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.
 - E. If the product has been dropped or the cabinet has been damaged.
 - F. If the product exhibits a distinct change in performance.
13. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
14. Do not use the telephone to report a gas leak in the vicinity of the leak.

SAVE THESE INSTRUCTIONS

CAUTION:

To reduce the risk of fire or injury to persons by battery, read and follow these instructions.

1. Use only the following type and size battery pack: SONY BP-T18.
2. Do not dispose of the battery pack in a fire. The cell may explode. Check with local codes for possible special disposal instructions.
3. Do not open or mutilate the battery pack. Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.
4. Exercise care in handling battery in order not to short the battery with conducting materials such as rings, bracelets, and keys. The battery or conductor may overheat and cause burns.
5. Charge the battery pack provided with or identified for use with this product only in accordance with the instructions and limitations specified in the instruction manual provided for this product.
6. Observe proper polarity orientation between the battery pack and battery charger.

If your telephone is equipped with automatic dialers

When programming emergency numbers and (or) making test calls to emergency numbers:

1. Remain on the line and briefly explain to the dispatcher the reason for the call.
2. Perform such activities in the off-peak hours, such as early morning or late evenings.

Caution

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

Note

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

INFORMATION FOR GENERAL TELEPHONES

1. This equipment complies with Part 68 of the FCC rules. On the bottom of this equipment is a label that contains, among other information, the FCC registration number and ringer equivalence number (REN) for this equipment. If requested, this information must be provided to the telephone company.
2. The applicable registration jack (connector) USOC-RJ11C is used for this equipment.
3. This equipment is designed to be connected to the telephone network or premises wiring using a compatible modular jack which is Part 68 compliant. The FCC compliant telephone cord and modular plug is provided with this equipment.
4. The REN is used to determine the quantity of devices which may be connected to the telephone line. Excessive RENs on the telephone line may result in the devices not ringing in response to an incoming call. In most, but not all areas, the sum of the REN's should not exceed five (5.0). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company.
5. If your equipment (SPP-SS950) causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But if advance notice isn't practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.
6. The telephone company may make changes in its facilities, equipment, operations or procedures that could affect the operation of the equipment. If this happens the telephone company will provide advance notice in order for you to make necessary modifications to maintain uninterrupted service.
7. If trouble is experienced with this equipment (SPP-SS950), for repair or warranty information, please contact Sony Direct Response Center: Tel 1-800-222-7669. If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.
8. All repairs will be performed by an authorized Sony service station.
9. This equipment cannot be used to party lines or coin lines.
10. This equipment is hearing aid compatible.

Setting up the phone

Choose the best location

Where you place the base unit affects the reception quality of the handset.

Place the base unit:

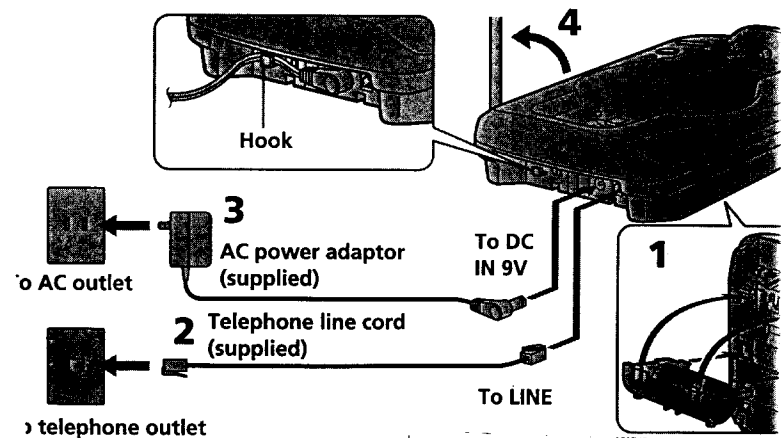
- near a central location and on a level surface
- away from television sets and other electronic equipment, a personal computer, or a microwave oven
- away from noise sources such as a window by a street with heavy traffic
- away from another cordless telephone
- away from heat sources, such as radiators, airducts, and sunlight
- away from excessive moisture, extremely low temperatures, dust, mechanical vibration, or shock

CAUTION

The cordless telephone operates at a frequency that may cause interference with nearby TVs and VCRs; the base unit should not be placed near or on the TV or VCR; and, if interference is experienced, moving the cordless telephone farther away from the TV or VCR will often reduce or eliminate the interference.

Connect the base unit

If you want to hang the base unit on the wall, see "Mounting the base unit on the wall".



- Attach the wall bracket on the bottom of the base unit as illustrated to use it as a stand. Align the Δ marks of the wall bracket with those of the base unit.

2 Connect the telephone line cord to the LINE jack and to a telephone outlet.

3 Connect the AC power adaptor to the DC IN 9V jack and to an AC outlet.

4 Raise the antenna. Make sure it points toward the ceiling.

Notes

- Use only the supplied AC-T37 AC power adaptor. Do not use any other AC power adaptor.
- Connect the AC power adaptor to a continuous power supply.
- Place the base unit close to the AC outlet so that you can unplug the AC power adaptor easily.

Polarity of the plug



Tips

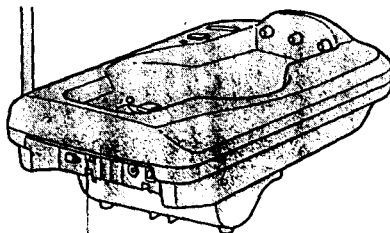
- If your telephone outlet is not modular, contact your telephone service company for assistance.
- To remove the wall bracket, press the upper tab.

Modular



Choose the dialing mode

For the telephone to work properly, select an appropriate dialing mode (tone or pulse).



DIAL MODE switch

Depending on your dialing system, set the DIAL MODE switch as follows:

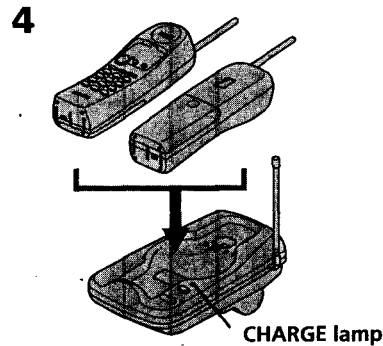
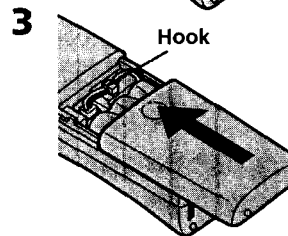
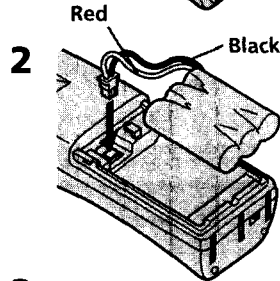
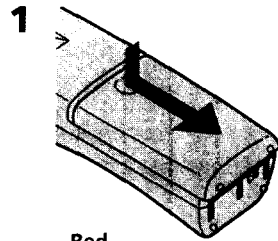
If your dialing system is	Set the switch to
Tone	T
Pulse	P

If you aren't sure of your dialing system

Make a trial call with the DIAL MODE switch set to T. If the call connects, leave the switch as is; otherwise, set to P.

Charge the battery pack

Charge the battery pack for more than 12 hours before you start using your phone.



1 Slide open the battery compartment lid of the handset.

2 Connect the battery connector with correct polarity (black and red cords).

3 Hook the cords, and insert the battery pack. Then close the lid.

4 Place the handset on the base unit.

You can place either side facing up.

The CHARGE lamp lights up when the handset is properly seated on the charge terminals of the base unit. Charge the battery pack for more than 12 hours so that the battery is fully charged. The CHARGE lamp remains lit even after charging is completed.

Battery duration

A fully charged battery pack lasts for about:

- 4 hours when you use the handset continuously
- 7 days (RING ON mode) or 3 weeks (BATT SAVE mode) when the handset is standing by.

Notes

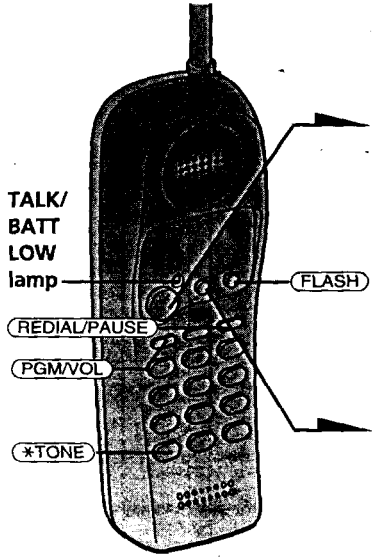
- The battery pack will gradually discharge over a long period of time, even if not in use.
- The battery works best when charged after several calls.
- If you leave the battery pack in the handset without charging it, the battery pack will be completely discharged. It may require several times of charging to recover its full capacity.

When to purchase a new battery pack

If the battery lasts only a few minutes even after 12 hours of charging, the usable life of the battery has expired and needs replacement. Contact your local Sony authorized dealer or service center, and ask for Sony BP-T18 rechargeable battery pack.

Making and receiving calls

Making calls



- 1** Pick up the handset from the base unit.
- 2** Press **(TALK)**, and wait until the TALK/BATT LOW lamp lights up.
You then hear a dial tone. If you hear five short error beeps, move closer to the base unit.
- 3** Dial the phone number.
- 4** When you're done talking, press **(OFF)** or replace the handset on the base unit.
The TALK/BATT LOW lamp goes off.

Receiving calls

- 1** When you hear the phone ring;
 - Press **(TALK)** (or any key except **(OFF)**).or
 - Pick up the handset from the base unit when the handset is placed on the base unit.
The TALK/BATT LOW lamp lights up.
- 2** When you're done talking, press **(OFF)** or replace the handset on the base unit. The TALK/BATT LOW lamp goes off.

Additional tasks

To	Do this
Adjust the handset volume	During phone conversations, press (PGM/VOL). Each press of (PGM/VOL) switches the speaker volume by four levels.
Switch to tone dialing temporarily	Press (*TONE) after you're connected. The line will remain in tone dialing until disconnected.
Switch to another call ("call waiting" service)	Press (FLASH). Press the button again to get back to the first caller.

* Contact your telephone company to subscribe to this service.

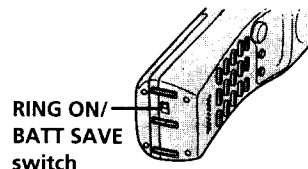
Note

If the handset beeps every second during conversation, move closer to the base unit; otherwise, the call will be disconnected after one minute.

Tip

You can save battery power by setting the RING ON/ BATT SAVE switch on the bottom to BATT SAVE.

The handset won't ring, but you can still make calls. You can also receive calls if another telephone connected to the same line rings to inform you on incoming calls. However, you can't page the handset from the base unit.



If the battery becomes weak during a call

The handset will beep every three seconds with the TALK/BATT LOW lamp flashing at the same time. Finish your call and charge the battery pack.

For optimum performance, charge the battery for a full 12 hours.

Note that during the first 10 - 15 minutes of charging, the phone will be inactive, i.e., unable to make or receive a call.

After this initial 10 - 15 minutes, you **may** be able to use the phone, but the battery duration will be **very short**; thus it is recommended that you **fully charge** the battery before next use.

Redialing

- 1 Press (TALK), and wait until the TALK/BATT LOW lamp lights up.
- 2 Press (REDIAL/PAUSE) to redial the number last dialed.

Note

If the number exceeds 32 digits, five short error beeps will alert you that the number can't be dialed.

To erase the last phone number dialed

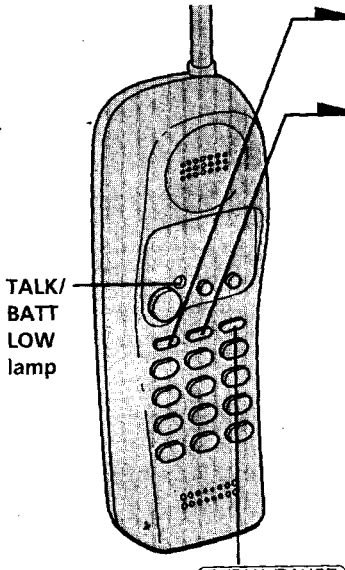
Press (REDIAL/PAUSE) twice.

The number will be erased from the memory, and you'll hear a long confirmation beep.

Speed dialing

You can dial with a touch of a few keys by storing a phone number on a dialing key.

Storing phone numbers

- 
- 1** Press **PGM/VOL**.
The TALK/BATT LOW lamp flashes.
- 2** Press **SPEED DIAL**.
- 3** Press one of the dialing keys (**0** to **9**) to store a phone number on.
You hear a confirmation beep.
- 4** Enter the phone number you want to store.
You can enter up to 16 digits, including a tone and a pause, each of which is counted as one digit.
- 5** Press **PGM/VOL**.
You hear a long confirmation beep, and the number is stored. The TALK/BATT LOW lamp goes off.

Note

Do not allow more than 20 seconds to elapse between each step of the procedure.

Tips

- If you enter a wrong number, press **PGM/VOL**, then start from the beginning.
- Use the supplied directory to write down what you stored on the speed dialing numbers.

To store a number to be dialed via Private Branch Exchange (PBX)

Before entering a phone number in Step 4, do as follows:

- 1 Enter the outside line access digit (e.g., 9).
- 2 Press **REDIAL/PAUSE**.

To change a stored number

Store a new number, as described previously.

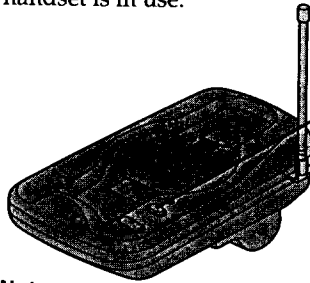
Making calls with speed dialing

- 1 Press **TALK** and wait until the TALK/BATT LOW lamp lights up.
- 2 Press **SPEED DIAL**.
- 3 Enter the desired speed dialing number (0 to 9).

The phone number stored in the speed dialing number will be dialed.

Paging

You can page the handset from the base unit. Note that you can't page if the handset is in use.



To page

Press **PAGE**.

The handset rings.

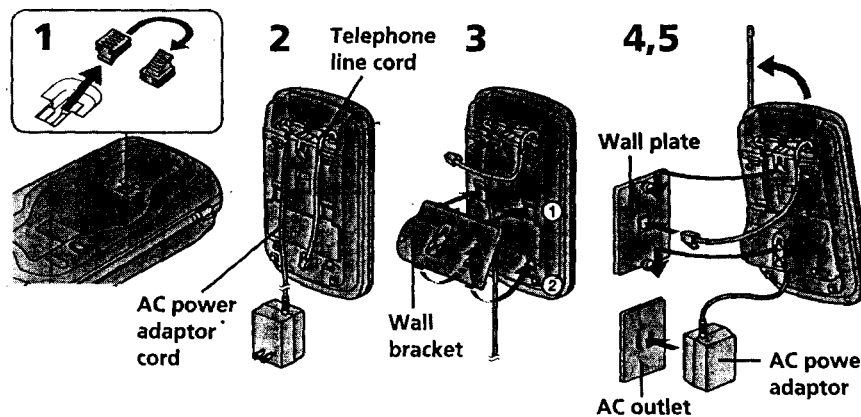
When you keep pressing **PAGE**, the handset rings continuously.

Note

You can't page the handset when its RING ON/BATT SAVE is set to BATT SAVE.

Mounting the base unit on a wall

- 1 Reverse the hang-up tab.
- 2 Plug the telephone line cord to the LINE jack and the AC power adaptor to the DC IN 9V jack, and hook the cords. Use the shorter cord for mounting.
- 3 Attach the wall bracket to the center of the base unit. Align the Δ marks of the wall bracket with those of the base unit.
- 4 Plug the telephone line cord to the telephone outlet, and hook the base unit to the wall plate.
- 5 Plug the AC power adaptor to an AC outlet. Then raise the antenna so that it points towards the ceiling.



Tip

To remove the wall bracket, press the lower tabs.

Maintenance

- Clean the cabinets with a soft cloth slightly moistened with water or a mild detergent solution. Do not use any type of abrasive pad, scouring powder or solvent such as alcohol or benzine as they may damage the finish of the cabinet.
- If the charge terminals of the base unit and handset are soiled, wipe them with a soft cloth or paper.

If you have any questions or problems concerning your phone, please consult your nearest Sony dealer.

Notes on power sources

On battery pack

- Store the battery pack at a temperature between 41°F (5°C) and 95°F (35°C) for best performance.
- If you do not use the cordless handset for a long period of time, remove the battery pack, after charging for more than 12 hours.

On power failure

- During a power interruption, you cannot make or receive calls.

RECYCLING NICKEL-CADMIUM BATTERIES



**NICKEL-CADMIUM BATTERY.
MUST BE DISPOSED OF PROPERLY.**

Ni-Cd

Nickel-Cadmium batteries are recyclable. You can help preserve our environment by returning your unwanted batteries to your nearest Sony Service Center for collection, recycling or proper disposal.

Note: In some areas the disposal of nickel-cadmium batteries in household or business trash may be prohibited.

For the Sony Service Center nearest you call 1-800-222-SONY (United States only)

Caution: Do not handle damaged or leaking nickel-cadmium batteries.

Troubleshooting

Symptom	Remedy
You cannot make or receive calls. You hear no dial tone.	<ul style="list-style-type: none">• Place the base unit away from noise sources.• Move the handset closer to the base unit.• Make sure you set up the base unit correctly.• Make sure the battery is fully charged.
The phone does not connect at all, even the number you dial is correct.	<ul style="list-style-type: none">• Make sure the dialing mode setting (pulse or tone) is correct.
The phone doesn't redial correctly.	<ul style="list-style-type: none">• Make sure the last dialed number is really the one you want to dial.
You hear five short error beeps when you try to redial.	<ul style="list-style-type: none">• The number you last dialed exceeds 32 digits (including the tone and pause digits if used).• The number you last dialed is erased.
You cannot store a speed dial number.	<ul style="list-style-type: none">• Make sure the number (including the tone and pause digits) does not exceed 16 digits.
The handset does not ring.	<ul style="list-style-type: none">• Set the RING ON/BATT SAVE switch to RING ON.
You hear interference during conversation.	<ul style="list-style-type: none">• Move the handset closer to the base unit.• Place the base unit away from noise sources.
You hear a beep every second during conversation.	<ul style="list-style-type: none">• It is an out-of-range alarm. Move the handset closer to the base unit within one minute.
You hear a beep every three seconds and the TALK/BATT LOW lamp flashes.	<ul style="list-style-type: none">• The battery is weak. Charge the battery for more than 12 hours.

Specifications

General

Spread method	Direct-Sequence Spread-Spectrum
Access method	FDMA-TDD
Frequency band	902 – 928 MHz
Operation channel	20 channels
Supplied accessories	AC power adaptor AC-T37 (1) Telephone line cords (2) Rechargeable battery pack BP-T18 (1) Directories (2 sheets) Wall bracket/stand (1)

Handset

Power source	Rechargeable battery pack BP-T18
Battery life	Standby: Approx. 7 days (RING ON mode) Approx. 3 weeks (BATT SAVE mode) Talk: Approx. 4 hours
Dimensions	Approx. 58 x 177 x 46 mm (w/h/d), antenna excluded (Approx. 2 3/8 x 7 x 1 13/16 inches) Antenna: 72 mm (2 7/8 inches)
Mass	Approx. 250 g (Approx. 8.8 oz), battery included

Base unit

Power source	DC 9V from AC power adaptor
Battery charging time	Approx. 12 hours
Dimensions	Approx. 128 x 58 x 208 mm (w/h/d), antenna excluded (Approx. 5 1/8 x 2 3/8 x 8 1/4 inches) Antenna: 165 mm (6 1/2 inches)
Mass	Approx. 320 g (Approx. 11 oz), wall bracket excluded

Design and specifications are subject to change without notice.